


ENGINEERING PROGRAM MANAGER
WORLD TRADE
CHIEF ELECTRICAL ENGINEER

1	8/23/99	AS-BID	
No.	Date	Revision	Approved

ENGINEERING DEPARTMENT			
DESIGN DIVISION			

WORLD		
TRADE		
CENTER		

ELECTRICAL

1 FIRE ALARM SYSTEM
DEVICE UPGRADE
PHASE III
1 WORLD TRADE CENTER
CONTRACT NO. 3

85th FLOOR SMOKE DETECTOR INSTALLATION AND REMOVAL PLAN

This drawing subject to conditions in Contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent.

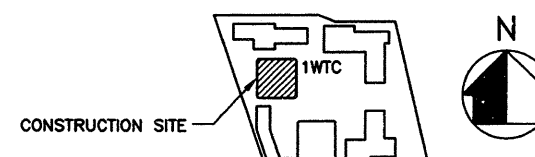
S. FELDSTEIN	N. APOSTLE	AS.
Designed by	Drawn by	Checked by

AUGUST 9, 1999
Date

WTC-861.176 E-085-3
Contract Number Drawing Number

[illegible]

1. FOR LEGEND, ABBREVIATIONS, AND GENERAL NOTES, SEE DWG. E-1. FOR INSTALLATION DETAILS, SEE DWG. E-2. FOR WIRING DIAGRAMS, SEE DWG. E-3.
2. CONTRACTOR SHALL REMOVE EXISTING SMOKE DETECTORS ONLY AFTER INSTALLED DEVICES ARE OPERATIONAL.
3. FOR REMOVAL AND PATCHING PLAN DETAILS (P-1, P-2, P-3 & P-4), SEE DWG A-1.
4. FOR RETURN AIR SMOKE DETECTORS ARRANGEMENT AND NOTES, SEE DWG M-1.
5. SINCE FIRE ALARM CIRCUIT LENGTH IS CRITICAL, ROUTING AND INSTALLATION OF ALL FIRE ALARM CIRCUITS SHALL BE AS SHOWN ON DRAWING.
6. DISCONNECT AND ABANDON EXISTING SMOKE DETECTOR CIRCUITS IN CEILING. TAPE ENDS OF ABANDONED CONDUCTORS AND TAG AS ABANDONED. THIS WORK SHALL BE DONE IN THE PRESENCE OF THE ENGINEER.
7. COORDINATE CONDUIT PENETRATION OF TEVANT FIRE ALARM CONTROL PANEL WITH TEVANT FIRE ALARM CONTROL PANEL SERVICE VENDOR THROUGH THE ENGINEER.



KEY PLAN

